

Abstract

This invention provides a position-detecting mechanism and a position-detecting sensor, the calibration of the sensor easy, the deviation of a web from the reference line of the sensor easy to find. The position-detecting mechanism comprises (i) a light-emitting means 13 to emit a beam of visible light to a subject of measurement and (ii) a regulating means 14 to regulate the beam so that its cross section will be in a certain shape at the place of the subject of measurement and detects the position of the subject of measurement. Because the light-emitting means 13 emits a beam of visible light, the spot lit up by the beam on a subject of measurement is visible to the operator. Accordingly, the operator can judge the position of the subject of measurement by using his eyes alone without using a scale and easily, safely judge its position even while it is running on its production line.